

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,985,118 B2  
APPLICATION NO. : 10/614626  
DATED : January 10, 2006  
INVENTOR(S) : Zarro et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On title page [56]:

At the bottom of the Title Page change "21 Claims" to -- 24 Claims --.

Page 2, continued from Field [56], under "FOREIGN PATENT DOCUMENTS" insert --WO 9400892 1/1994--.

Column 7

Line 26, delete "1" after "f".

Delete Col. 15 line 13 through Col. 16 line 12, insert therefor the following:

--21. The waveguide horn antenna according to claim 16, wherein at least one of said permeability and said permittivity has a value between about 10 and 100.

22. The waveguide horn antenna according to claim 16, wherein at least one of said permittivity and said permeability has a value corresponding to a characteristic impedance for said substrate that is approximately equal to a characteristic impedance of an environment in which said frequency selective surface is operated.--

23. The waveguide horn antenna according to claim 16, wherein a value of at least said permeability and said permittivity are selected for reducing a grating lobe.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,985,118 B2  
APPLICATION NO. : 10/614626  
DATED : January 10, 2006  
INVENTOR(S) : Zarro et al.

Page 2 of 2

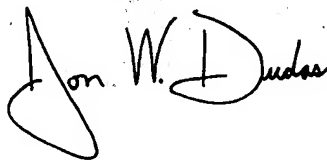
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete Col. 15 line 13 through Col. 16 line 12, insert therefor the following (cont'd):

24. The method according to claim 18, further comprising selecting said permittivity and said permeability to have a value corresponding to a characteristic impedance for said substrate that is approximately equal to a characteristic impedance of an environment in which said frequency selective surface is operated.--

Signed and Sealed this

Thirteenth Day of November, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*